Title (en)

STABILIZED FORMULATION FOR LUMINESCENT DETECTION OF LUCIFERASE AND NUCLEOSIDE PHOSPHATES

Title (de)

STABILISIERTE FORMULIERUNG ZUM LUMINESZENZNACHWEIS VON LUCIFERASE UND NUKLEOSIDPHOSPHATEN

Title (fr)

FORMULATION STABILISÉE POUR LA DÉTECTION PAR LUMINESCENCE DE LUCIFÉRASE ET DE NUCLÉOSIDE PHOSPHATES

Publication

EP 4306649 A3 20240403 (EN)

Application

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Priority

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- US 2014017562 W 20140221

Abstract (en)

Methods, kits and compositions containing a mixture of D-luciferin and L-luciferin for light generation with luciferase are disclosed that have improved stability when stored over time. The mixture of D-luciferin and L-luciferin can be used to detect the presence or amount of ATP or of luciferase in a sample.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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US 2014242627 A1 20140828; **US 9487814 B2 20161108**; CN 105121653 A 20151202; CN 105121653 B 20200124; CN 111004835 A 20200414; CN 111004835 B 20231229; CN 117701675 A 20240315; EP 2959010 A1 20151230; EP 2959010 B1 20200729; EP 3693471 A1 20200812; EP 3693471 B1 20240103; EP 4306649 A2 20240117; EP 4306649 A3 20240403; JP 2016509835 A 20160404; JP 2019080577 A 20190530; JP 2020156493 A 20201001; JP 2021121218 A 20210826; JP 7128134 B2 20220830; JP 7223057 B2 20230215; US 10501774 B2 20191210; US 11214822 B2 20220104; US 2016326570 A1 20161110; US 2020063186 A1 20200227; WO 2014130760 A1 20140828

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US 201414186065 A 20140221; CN 201480010140 A 20140221; CN 201911407470 A 20140221; CN 202311707362 A 20140221; EP 14709480 A 20140221; EP 20166813 A 20140221; EP 23213374 A 20140221; JP 2015558979 A 20140221; JP 2019033815 A 20190227; JP 2020093067 A 20200528; JP 2021086133 A 20210521; US 2014017562 W 20140221; US 201615215307 A 20160720; US 201916672090 A 20191101